

000001 848484 000001

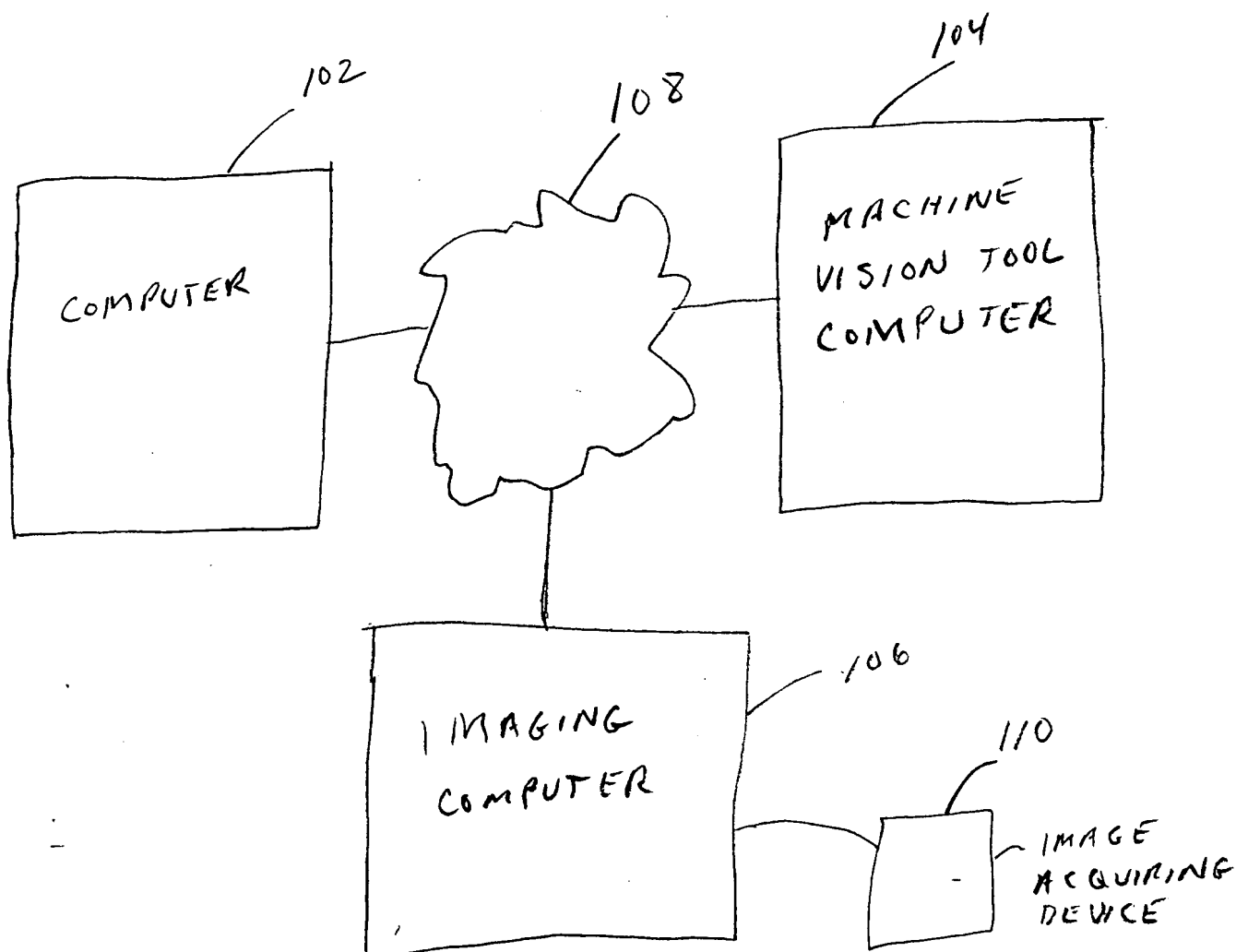


FIG. 1

00222T 343450

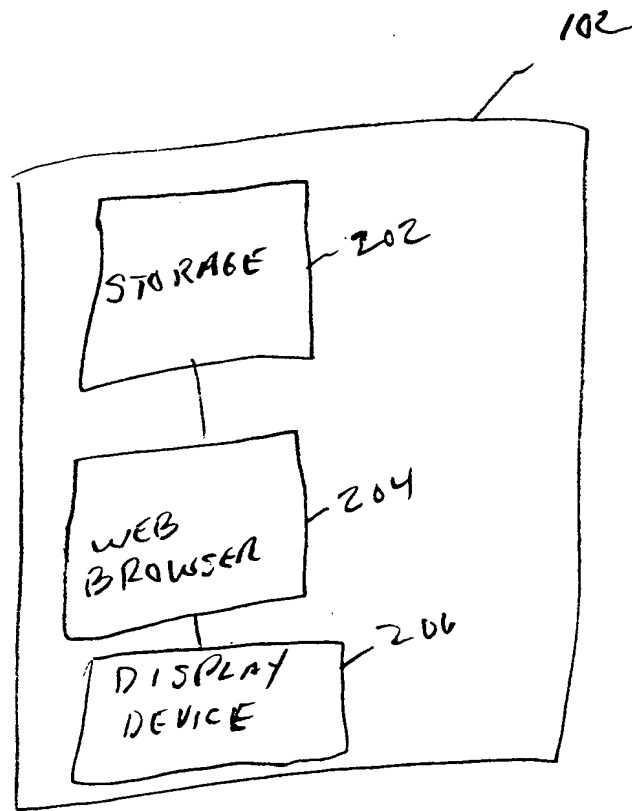


FIG 2

09741848-12200

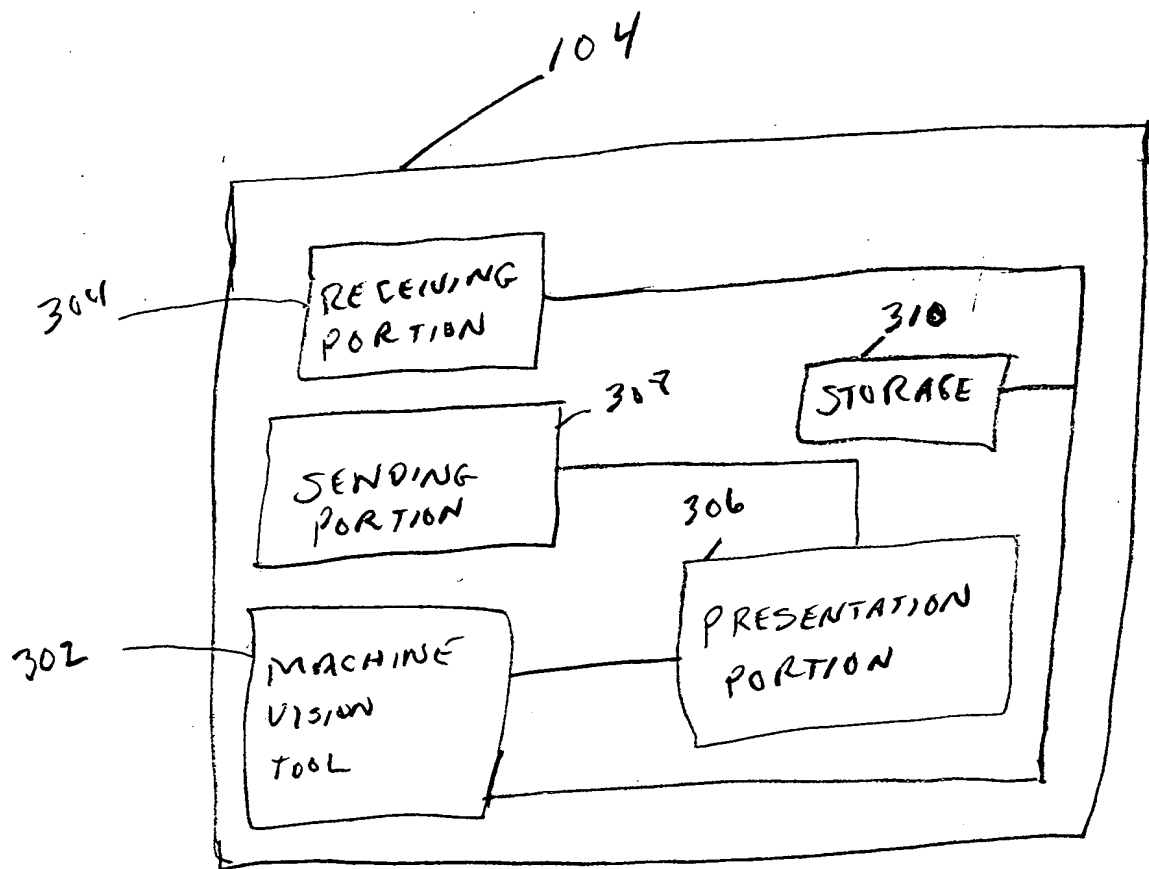


FIG. 3

The diagram illustrates an image capturing system 100. It features a central processing unit 102, which is connected to an image acquiring device 110. The central processing unit 102 contains four main components: a storage unit 106, a receiving portion 104, a sending portion 102, and an image communications portion 108. The image acquiring device 110 is connected to the image communications portion 108. The storage unit 106 is connected to the receiving portion 104 and the image communications portion 108. The receiving portion 104 is connected to the image communications portion 108. The sending portion 102 is connected to the image communications portion 108.

FIG. 4

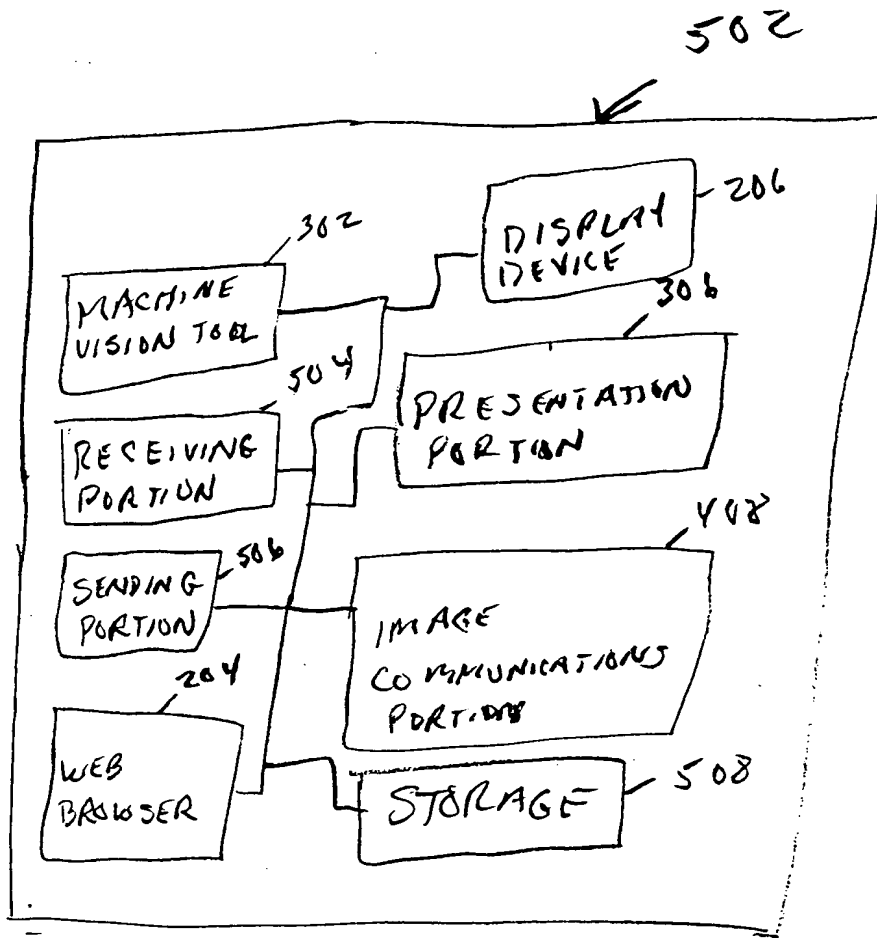


FIG. 5

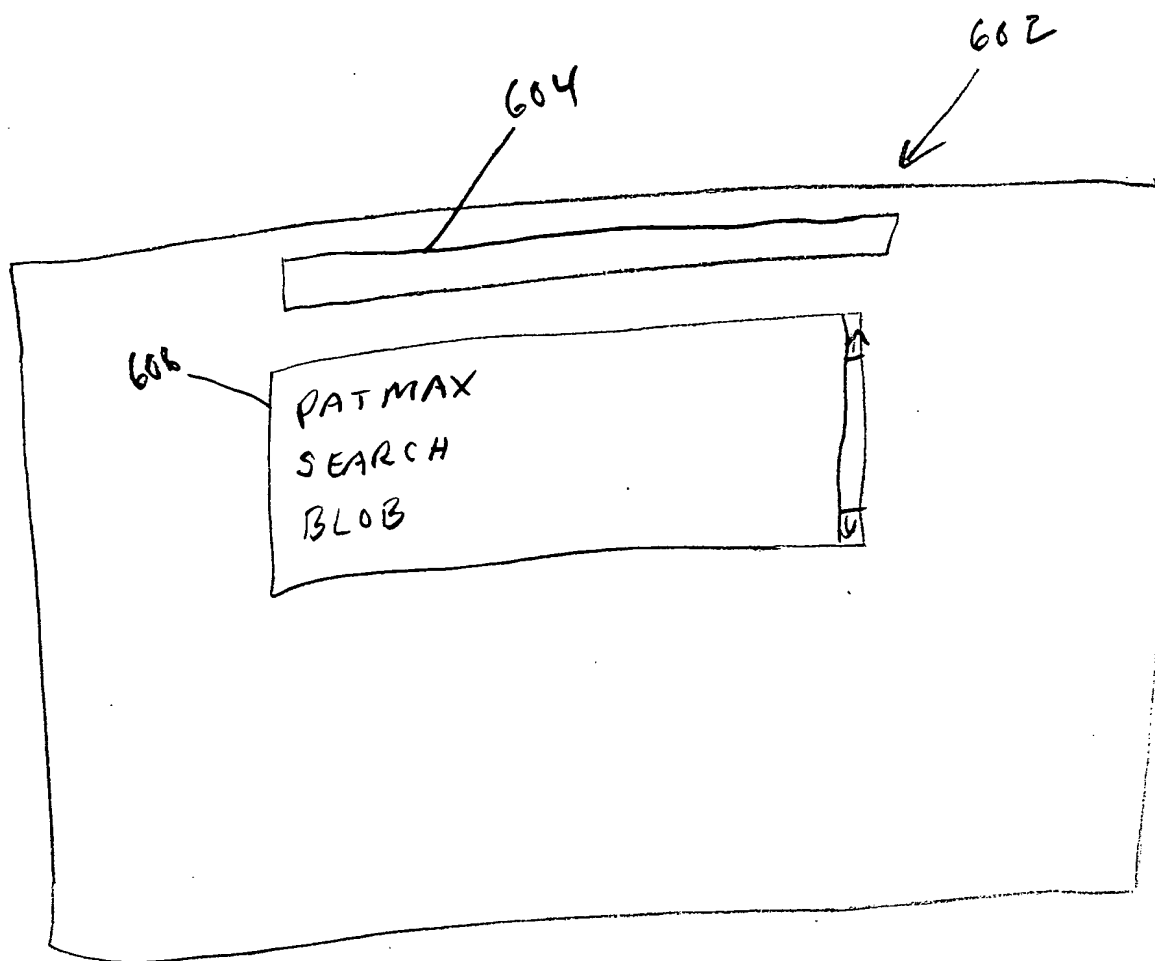


FIG. 6

002222T 24844260

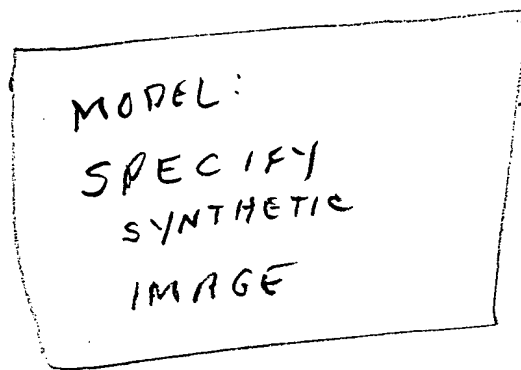


FIG. 7

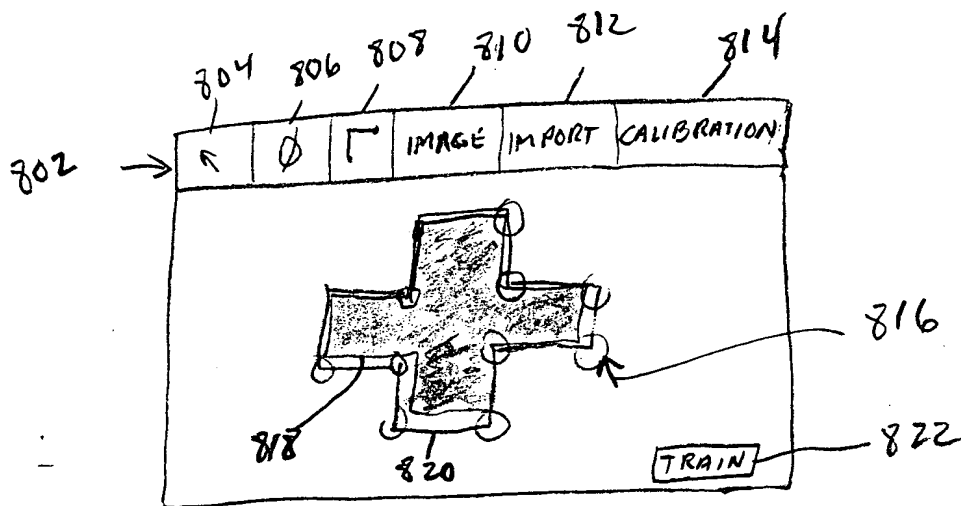


FIG. 8

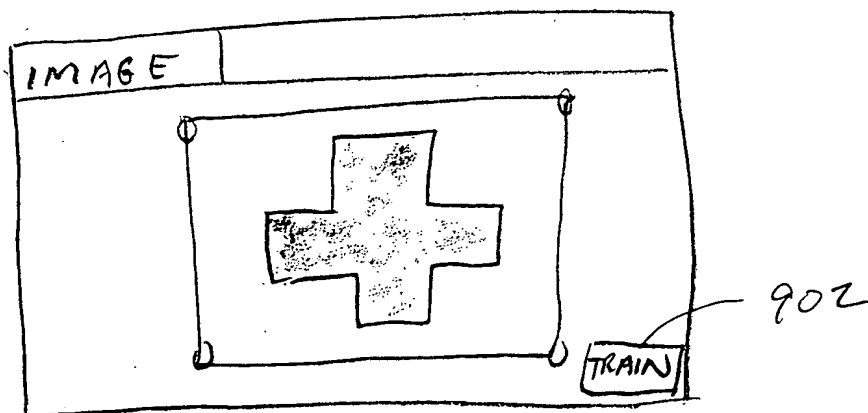


FIG. 9

IMAGE SOURCE 1002

| |
|--------------|
| DATABASE X1 |
| DATABASE X2 |
| CAMERA 1 RIS |

NEW MODIFY DELETE

FIG. 10

NEW IMAGE SOURCE 1102

NAME:

TYPE: DATABASE
CAMERA
URL
FILE 1104

CREATE

FIG. 11

SERVER: machine15.cognex.com 1202

DATABASE FILES 1204

| |
|-------------------|
| GFP |
| FIDUCIAL (CROSS) |
| FIDUCIAL (CIRCLE) |

SELECT 1206

FIG. 12

SERVER: local 1302

| |
|---------------------|
| Camera 1 / fiducial |
| Camera 2 Part |
| Camera line scan |

SELECT 1306

1304

Fig. 13

url: http://mac.data.com/foo.gif

~1402

FIG. 14

FILE: _____

~1504

~1502

FIG. 15

MODEL: PATMAX

IMAGE SOURCE:

RUN PARAMETERS: ~1604

DIAGNOSTICS: ~1606

~1602

FIG. 16

00222T 848F460

PATMAX RUN PARAMETERS

NAME: My Parameters

Accept Threshold 0.5

Contact Threshold 10

☒ SCORE USING CLUTTER

NUMBER TO FIND 1

TIMEOUT 1000 ms

| DOF | nominal | low | high |
|-------------------------------------------|------------|------------|------------|
| <input checked="" type="checkbox"/> ANGLE | <u>0</u> | <u>-45</u> | <u>+45</u> |
| <input type="checkbox"/> UNIFORM SCALE | <u>0.8</u> | <u>1</u> | <u>1.2</u> |
| <input type="checkbox"/> X SCALE | <u>0.9</u> | <u>1</u> | <u>1.2</u> |
| <input type="checkbox"/> Y SCALE | <u>0.8</u> | <u>1</u> | <u>1.2</u> |

☐ OK - 1762

FIG. 17

DIAGNOSTICS

NAME Graphics Diags

☒ SHOW INPUTS

☒ SHOW OUTPUTS

☒ SHOW INTERMEDIATE STEPS

☐ OK - 1802

FIG. 18

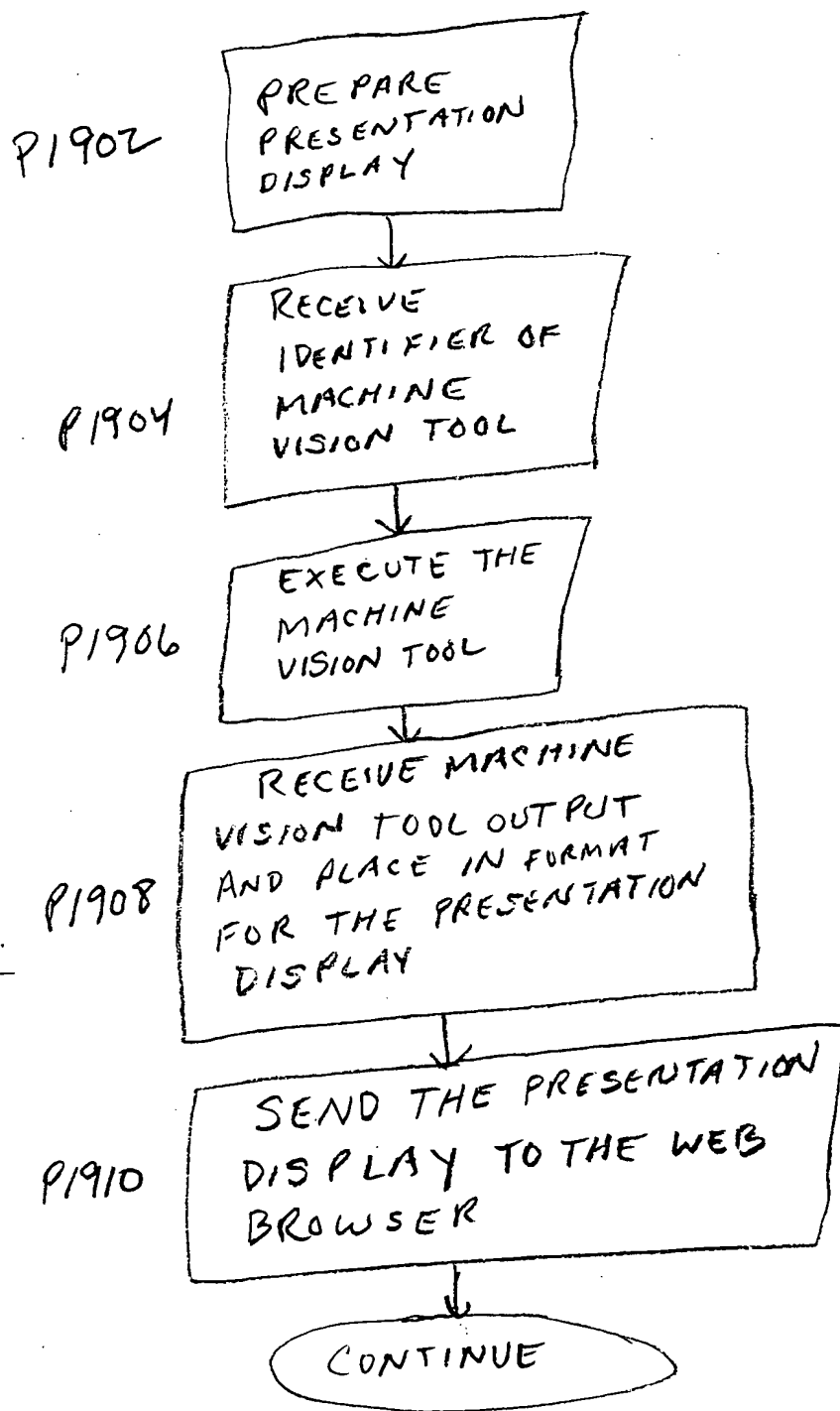


Fig. 19

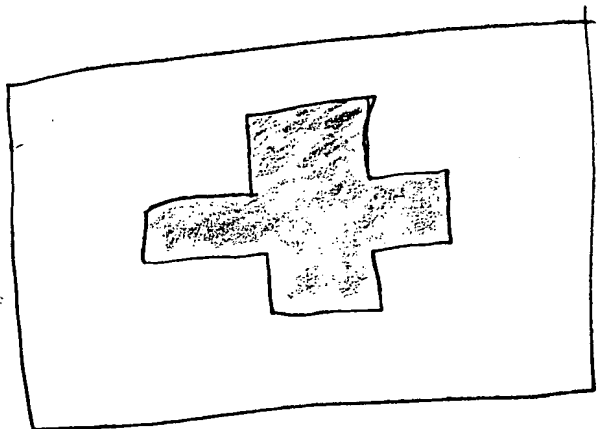


FIG. 20

09741848-122200

MODEL : PATMAX

MODEL : PARALLEL
TRAINING PARAMETERS : DEFAULT

2102

TRAIN — 2104

FIG. 21

PATMAX TRAINING PARAMETERS

NAME: TRAINING PARAMETERS

granularity _____

☐ inverse polarity

☐ auto select grain limits

elasticity _____

course grain limit _____

fine grain limit _____

OK

— 2202

FIG. 22